## **EAST Search History**

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|---|---|---------------------|---------|---------------------|
| L1       | 2    | "4839650".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2009/04/22<br>10:32 |
| L2       | 1    | "4839650".pn.<br>and (crosstalk or<br>cross NEAR1<br>talk)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2009/04/22<br>10:33 |
| L3       |      | "4839650".pn.<br>and (crosstalk or<br>cross NEAR1<br>talk) (add\$3 or<br>sum\$4)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2009/04/22<br>10:37 |
| L4       | 1    | "4839650".pn.<br>and (crosstalk or<br>cross NEAR1<br>talk) (add\$3 or<br>sum\$4)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME                | ON      | 2009/04/22<br>10:38 |
| L5       | 1    | "4839650".pn.<br>and (crosstalk or<br>cross NEAR1<br>talk) (add\$3 or<br>sum\$4) (auto<br>ADJ1 zero\$4)         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME                | ON      | 2009/04/22<br>10:40 |
| L6       | 1    | "4839650".pn.<br>and (crosstalk or<br>cross NEAR1<br>talk) (add\$3 or<br>sum\$4) (auto<br>ADJ1 zero\$4)<br>"14" | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME                | ON      | 2009/04/22<br>10:41 |

| L7  | 1  | "4839650".pn.<br>"6"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2009/04/22<br>10:46 |
|-----|----|---|---|------|----|---------------------|
| L8  | 0  | "4839650".pn.<br>and (crosstalk or<br>cross NEAR1<br>talk) (add\$3 or<br>sum\$4) (auto<br>ADJ1 zero\$4)<br>"14" mulpit\$5 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2009/04/22<br>10:47 |
| L9  | 0  | "4839650".pn.<br>multiply\$3  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2009/04/22<br>10:48 |
| L10 | 38 | coefficient<br>(crosstalk or<br>cross NEAR1<br>talk) (add\$3 or<br>sum\$4) multiply<br>\$4                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2009/04/22<br>10:55 |
| L11 | 17 | coefficient<br>(crosstalk or<br>cross NEAR1<br>talk) (add\$3 or<br>sum\$4) multiply<br>\$4                                | USPAT   | SAME | ON | 2009/04/22<br>10:55 |
| L12 | 5  | multiplex\$4 and coefficient (crosstalk or cross NEAR1 talk) (add\$3 or sum\$4) multiply \$4                              | USPAT   | SAME | ON | 2009/04/22<br>11:05 |
| L13 | 4  | multiplex\$4 and coefficient (crosstalk or cross NEAR1 talk) (add\$3 or sum\$4) multiply                                  | US-PGPUB  | SAME | ON | 2009/04/22<br>11:12 |

| L14 | 2    | "6804187".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON  | 2009/04/22<br>13:51 |
|-----|------|--|---|------|-----|---------------------|
| L15 | 1    | "6804187".pn.<br>and l11   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON  | 2009/04/22<br>13:52 |
| L16 | 26   | 341/141 and<br>(cross talk)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON  | 2009/04/22<br>14:38 |
| L17 | 3163 | ((341/141) or<br>(341/118) or<br>(327/536) or<br>(327/589)).<br>CCLS.                                    | USPAT   | OR   | OFF | 2009/04/22<br>14:40 |
| L18 | 1757 | ((341/141) or<br>(341/118)).<br>CCLS.  | USPAT   | OR   | OFF | 2009/04/22<br>14:40 |
| L19 | 1408 | ((327/536) or<br>(327/589)).<br>COLS.  | USPAT   | OR   | OFF | 2009/04/22<br>14:40 |
| L20 | 2465 | (341/155).COLS.  | USPAT   | OR   | OFF | 2009/04/22<br>14:40 |
| S1  | 2    | ((TORU) near2<br>(SHIRAKI)).INV.   | US-PGPUB;<br>USPAT  | AND  | ON  | 2009/04/21<br>11:04 |
| S2  | 2    | ((TORU) near2<br>(SHIRAKI)).INV.   | US-PGPUB;<br>USPAT  | AND  | ON  | 2009/04/21<br>14:48 |
| S3  | 185  | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d)<br>(crosstalk or<br>cross NEAR1<br>talk) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON  | 2009/04/21<br>15:03 |

| <b>S</b> 4 | 4  | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d)<br>(crosstalk or<br>cross NEAR1<br>talk) same<br>coefficient                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>15:04 |
|------------|----|--|---|------|----|---------------------|
| <b>S</b> 5 | 5  | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d)<br>(crosstalk or<br>cross NEAR1<br>talk) with<br>coefficient                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME | OZ | 2009/04/21<br>15:08 |
| <b>S</b> 6 |    | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d)<br>(crosstalk or<br>cross NEAR1<br>talk) coefficient<br>not \$5                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2009/04/21<br>15:10 |
| S7         | 10 | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) (error<br>or correct\$5 or<br>compensat\$4)<br>(crosstalk or<br>cross NEAR1<br>talk) not \$5 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | OX | 2009/04/21<br>15:11 |
| <b>S</b> 8 | 1  | "4839650".pn.<br>"14"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2009/04/21<br>15:21 |
| S9         | 1  | "4839650".pn.<br>crosstalk   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2009/04/21<br>15:22 |

| S10 | 1   | "4839650".pn.<br>and cross talk   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | WITH | ON | 2009/04/21<br>15:23 |
|-----|-----|---|---|------|----|---------------------|
| S11 | 38  | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) (error<br>or correct\$5 or<br>compensat\$4)<br>(crosstalk or<br>cross NEAR1<br>talk) not \$5 not<br>\$7 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | SAME | ON | 2009/04/21<br>15:26 |
| S12 | 19  | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) (error<br>or correct\$5 or<br>compensat\$4)<br>(crosstalk or<br>cross NEAR1<br>talk) not \$5 not<br>\$7 | USPAT   | SAME | ON | 2009/04/21<br>15:47 |
| S13 | 111 | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) (error<br>or correct\$5 or<br>compensat\$4)<br>(crosstalk or<br>cross NEAR1<br>talk) not \$5 not<br>\$7 | US-PGPUB  | SAME | ON | 2009/04/21<br>16:13 |
| S14 | 168 | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d)<br>(crosstalk or<br>cross NEAR1<br>talk) not \$5 not<br>\$7 not \$11                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>16:16 |

| S15 | 87  | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d)<br>(crosstalk or<br>cross NEAR1<br>talk) not \$5 not<br>\$7 not \$11                    | USPAT   | WITH | ON | 2009/04/21<br>16:17 |
|-----|-----|---|---|------|----|---------------------|
| S16 | 17  | multiplex\$4 (adc or analog ADJ1 digital or a NEAR1 d) (crosstalk or cross NEAR1 talk) same (coefficient or value) with (crosstalk or cross NEAR1 talk) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2009/04/21<br>16:25 |
| S17 | 2   | "6943714".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | AND  | ON | 2009/04/21<br>16:33 |
| S18 | 2   | "6943714".pn.<br>and compensat<br>\$5   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | AND  | ON | 2009/04/21<br>16:34 |
| S19 | 1   | "6943714".pn.<br>and compensat<br>\$5 (cross NEAR1<br>talk or crosstalk)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | SAME | ON | 2009/04/21<br>16:36 |
| S20 | 144 | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) and<br>(crosstalk or<br>cross NEAR1<br>talk) (coefficient<br>or value)                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>16:39 |

| \$21 | 79   | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) and<br>(crosstalk or<br>cross NEAR1<br>talk) (coefficient<br>or value)  | USPAT   | WITH | ON | 2009/04/21<br>16:40 |
|------|------|---|---|------|----|---------------------|
| \$22 | 9    | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) and<br>(crosstalk or<br>cross NEAR1<br>talk) (coefficient<br>or value) and<br>"341".clas.   | USPAT   | WITH | ON | 2009/04/21<br>16:41 |
| S23  | 187  | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) and<br>(error or correct<br>\$5 or compensat<br>\$4) with<br>(crosstalk or<br>cross NEAR1<br>talk)                                | USPAT   | WITH | ON | 2009/04/21<br>16:43 |
| S24  | 20   | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) and<br>(error or correct<br>\$5 or compensat<br>\$4) with<br>(crosstalk or<br>cross NEAR1<br>talk) with (value<br>or coefficient) | USPAT   | WITH | ON | 2009/04/21<br>16:43 |
| \$25 | 1048 | 341/141   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2009/04/21<br>17:11 |

| S26  | 0   | 341/141 and<br>(error or correct<br>\$5 or compensat<br>\$4) with<br>(crosstalk or<br>cross NEAR1<br>talk)                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2009/04/21<br>17:12 |
|------|-----|---|---|------|----|---------------------|
| S27  | 13  | 341/141 and<br>(error or correct<br>\$5 or compensat<br>\$4) with<br>(crosstalk or<br>cross NEAR1<br>talk)                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2009/04/21<br>17:12 |
| S28  | 5   | 341/141 and<br>(error or correct<br>\$5 or compensat<br>\$4) with<br>(crosstalk or<br>cross NEAR1<br>talk) and mux                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2009/04/21<br>17:20 |
| S29  | 7   | (error or correct<br>\$5 or compensat<br>\$4) with<br>(crosstalk or<br>cross NEAR1<br>talk) mux                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>17:23 |
| \$30 | 203 | (error or correct<br>\$5 or compensat<br>\$4 or coefficient)<br>with (crosstalk<br>or cross NEAR1<br>talk) multiplex\$5             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>17:27 |
| S31  | 7   | (error or correct<br>\$5 or compensat<br>\$4 or coefficient)<br>with (crosstalk<br>or cross NEAR1<br>talk) multiplex\$5<br>same adc | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>17:27 |

| S32  | 15  | (error or correct<br>\$5 or compensat<br>\$4 or coefficient)<br>with (crosstalk<br>or cross NEAR1<br>talk) multiplex\$5<br>same (adc or<br>analog ADJ1<br>digital or a<br>NEAR1 d)             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>17:57 |
|------|-----|--|---|------|----|---------------------|
| S33  | 8   | (error or correct<br>\$5 or compensat<br>\$4 or coefficient)<br>with (crosstalk<br>or cross NEAR1<br>talk) multiplex\$5<br>same (adc or<br>analog ADJ1<br>digital or a<br>NEAR1 d) not<br>\$31 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>17:57 |
| S34  | 17  | multiplex\$4 (adc<br>or analog ADJ1<br>digital or a<br>NEAR1 d) same<br>(error or correct<br>\$5 or compensat<br>\$4) (crosstalk or<br>cross NEAR1<br>talk)                                    | US-PCPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>18:04 |
| \$35 | 150 | (multiplex\$4<br>(crosstalk or<br>cross NEAR1<br>talk)).ti.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>18:07 |
| S36  | 23  | (multiplex\$4<br>(crosstalk or<br>cross NEAR1<br>talk)).ti. and<br>(adc or analog<br>ADJ1 digital or a<br>NEAR1 d)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2009/04/21<br>18:08 |

| S37 | 20 | (multiplex\$4     | US-PGPUB;   | WITH | ON | 2009/04/21 |
|-----|----|-------------------|-------------|------|----|------------|
|     |    | (crosstalk or     | USPAT;      |      |    | 18:10      |
|     |    | cross NEAR1       | USOCR; EPO; |      |    |            |
|     |    | talk)).ti. and    | JPO;        |      |    |            |
|     |    | (adc or analog    | DERWENT;    |      |    |            |
|     |    | ADJ1 digital or a | IBM TDB     |      |    |            |
|     |    | ADJ1 d)           | _           |      |    |            |

4/22/09 2:52:57 PM

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